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# BULLETIN

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127. Green, D. M., Nelson, J. N. and Dodds, G. A. Effects of adrenal resection on hypertension and diabetes, *Federation Proc.*, 1949, 8:60.
128. Case records of the Massachusetts General Hospital, case 34502, *New England J. Med.*, 1948, 239:933.
129. Cohen, M. Addison's disease complicated by toxemia of pregnancy, *Arch. Int. Med.*, 1948, 81:879.
130. Engle, D. E. and Binger, M. W. The response in blood pressure of hypertensive patients to acetyl-beta-methylcholine, *Am. J. M. Sc.* 1939, 198:609.
131. Perera, G. A. Acetyl-beta-methylcholine in Addison's disease, *J.A.M.A.* 1945, 128:1018.
132. Dobriner, K., Lieberman, S., Hariton, L., Sarett, L. H. and Rhoads, C. P. The isolation of  $\Delta^9$ -etiocholenol-3 ( $\alpha$ )-one-17 from human urine, *J. Biol. Chem.*, 1947, 169:221.
133. Daughaday, W. H., Jaffe, H. and Williams, R. H. Adrenal cortical hormone excretion in endocrine and nonendocrine disease as measured by chemical assay, *J. Clin. Endocrinol.*, 1948, 8:244.
134. Tobian, L., Jr., Cortical steroid excretion in edema of pregnancy, preeclampsia and essential hypertension, *J. Clin. Endocrinol.*, 1949, 9:319.
135. Laragh, J. H. and Almy, T. P. Changes in circulating eosinophils in man following epinephrine, insulin and surgical operations, *Proc. Soc. Exper. Biol. & Med.*, 1948, 69:499.
136. Heinbecker, P. The pathogenesis of diastolic hypertension, *Surgery*, 1948, 23:618.
137. Cheng, C-P., Sayers, M. A. and Sayers, G. Effect of desoxycorticosterone acetate (DCA) on pituitary content of adrenocorticotrophic hormone (ACTH) after adrenalectomy, *Federation Proc.*, 1949, 8:24.
138. Soffer, L. J. *Diseases of the adrenals*, Philadelphia, Lea and Febiger, 1946.

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### THE JAMES ALEXANDER MILLER FELLOWSHIP FOR RESEARCH IN TUBERCULOSIS

The New York Tuberculosis and Health Association announces that a fellowship will be available from July 1, 1950 to June 30, 1951. The fellowship is designed to support a qualified medical investigator who will devote full time to a research project with a definite bearing on tuberculosis. Assurance must be provided that the applicant will be acceptable in the laboratory or clinic of his choice and that he will be provided with the facilities necessary for the pursuit of the work. It is preferred that such laboratory or clinic be located in New York City.

The stipend will be \$5,000.

Application forms will be supplied on request to the New York Tuberculosis and Health Association, 386 Fourth Avenue, New York 16, N. Y., and must be submitted in duplicate not later than March 1, 1950. Announcement of the award will be made in April 1950.

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- Abraham Levinson anniversary volume; studies in pediatrics and medical history in honor of Dr. Abraham Levinson on his sixtieth birthday. N. Y., Froben, 1949, 365 p.
- Babkin, B. P. Pavlov; a biography. [Chic.], Univ. of Chicago Press, [1949], 364 p.
- Bates, M. The natural history of mosquitoes. N. Y., Macmillan, 1949, 379 p.
- Bauer, K. H. Das Krebsproblem. Berlin, Springer, 1949, 758 p.
- Bauman, L. The diagnosis of pancreatic disease. Phil., Lippencott, [1949], 74 p.
- Blome, W. H. & Stocking, C. H. Fundamentals of pharmacy. 2.ed. Phil., Lea, 1949, 312 p.
- Bowen, W. P. Applied anatomy and kinesiology. 6.ed., revised by H. A. Stone. Phil., Lea, 1949, 390 p.
- Bridges, M. A., and others. Dietetics for the clinician. 5.ed., revised and edited by H. J. Johnson. Phil., Lea, 1949, 898 p.
- Canada. Bureau of Statistics. Health reference book, 1948. [Ottawa, Cloutier, 1949], 121 p.
- Cantor, M. O. Intestinal intubation. Springfield, Ill., Thomas, [1949], 333 p.
- Clark, G. L.; Nash, L. K. & Fischer, R. B. A basic course in the theory & practice of quantitative chemical analysis. Phil., Saunders, 1949, 448 p.
- Cohn, R. Clinical electroencephalography. N. Y., McGraw-Hill, 1949, 639 p.
- Collens, W. S. & Boas, L. C. Helpful hints to the diabetic. Springfield, Ill., Thomas, [1949], 135 p.
- Comroe, B. I. Arthritis and allied conditions. 4.ed. Phil., Lea, 1949, 1108 p.
- Comroe, B. I.; Collins, L. H. & Crane, M. P. Internal medicine in dental practice. 3.ed. Phil., Lea, 1949, 550 p.
- Corning, H. K. Lehrbuch der topographischen Anatomie. 24.Aufl. München, Bergmann, 1949, 830 p.
- Custer, R. P. An atlas of the blood and bone marrow. Phil., Saunders, 1949, 321 p.
- Cutler, E. C. & Zollinger, R. M. Atlas of surgical operations. 2.ed. N. Y., Macmillan, 1949, 225 p.
- Eddy, W. H. Vitaminology. Balt., Williams, 1949, 365 p.
- Emerson, H. Selected papers. Battle Creek, W. K. Kellogg Foundation, [1949], 507 p.
- Ennis, L. M. Dental roentgenology. 4.ed. Phil., Lea, 1949, 538 p.
- Exner, R. Lehrbuch der spirometrischen Analytik und Diagnostik. Wien, Maudrich, 1948, 308 p.
- Eye, (The) and its diseases, edited by C. Berens. Phil., Saunders, 1949, 1092 p.
- Faust, E. C. Human helminthology. 3.ed. Phil., Lea, 1949, 744 p.
- di Fiore, M. S. H. Diagnóstico histológico. 2.ed. Buenos Aires, El Ateneo, 1949, 2 v.
- Fleischhacker, H. Klinische hämatologie. Wien, Maudrich, 1948, 624 p.
- Freeman, R. B. Techniques of supervision in public health nursing. 2.ed. Phil., Saunders, 1949, 466 p.
- Friedberg, C. K. Diseases of the heart. Phil., Saunders, 1949, 1081 p.
- Fuchs, E. Wie ein Augenarzt die Welt sah; Selbstbiographie und Tagebuchblätter. Wien, Urban, 1946, 344 p.
- van Gelderen, C. Funktionelle Pathologie in der Chirurgie. 2.Aufl. Berlin, Springer, 1949, 206 p.
- Goldberger, E. Unipolar lead electrocardiography. 2.ed. Phil., Lea, 1949, 392 p.
- Golden jubilee world tribute to Dr. Sidney V. Haas. N. Y., Committee for the Golden Jubilee Tribute to Dr. Sidney V. Haas, 1949, 35 p.
- Gordon, B. L. Medicine throughout antiquity. Phil., Davis, 1949, 818 p.
- Gordon, M. B. Aesculapius comes to the Colonies. Ventnor, N. J., Ventnor Publishers, [1949], 560 p.
- Haemoglobin; a symposium based on a con-

- ference held at Cambridge in June 1948 in memory of Sir Joseph Barcroft. London, Butterworth, 1949, 317 p.
- Hawley, G. The kinesiology of corrective exercise. 2.ed., Phil., Lea, 1949, 192 p.
- Hebb, D. O. The organization of behavior; a neuropsychological theory. N. Y., Wiley, 1949, 335 p.
- Hill, T. J. A text-book of oral pathology. 4.ed. Phil., Lea, 1949, 398 p.
- International (5) Leprosy Congress, Havana, 1948. Memoria del V Congresso Internacional de la Lepra. [La Habana, Editorial Cenit, 1949], 1322 p.
- Karsner, H. T. Human pathology. 7.ed. Phil., Lippencott, [1949], 927 p.
- Keller, P. Die Behandlung der Haut-und Geschlechtskrankheiten in der Sprechstunde. 2.Aufl. Berlin, Springer, 1948, 544 p.
- Kovács, R. Electrotherapy and light therapy. 6.ed. Phil., Lea, 1949, 739 p.
- Kovács, R. A manual of physical therapy. 4.ed. Phil., Lea, 1949, 328 p.
- Kraus, H. Principles and practice of therapeutic exercises. Springfield, Ill., Thomas, [1949], 309 p.
- Krech, D. & Crutchfield, R. S. Theory and problems of social psychology. N. Y., McGraw-Hill, 1948, 639.
- Kronfeld, R. Histopathology of the teeth. 3.ed., rev. by P. E. Boyle. Phil., Lea, 1949, 514 p.
- Larmande, A. M. La neuro-angiomatose encéphalo-faciale. Paris, Masson, 1948, 149 p.
- Lever, W. F. Histopathology of the skin. Phil., Lippencott, [1949], 449 p.
- Malariaiology, by sixty-five contributors, edited by M. F. Boyd. Phil., Saunders, 1949, 2 v.
- Medical and Chirurgical Faculty of the State of Maryland. Celebration of the sesquicentennial of the Medical and Chirurgical Faculty. Balt., [Waverly Press], 1949, 67 p.
- Mitchell, A. G., and others. Pediatrics and pediatric nursing. 3.ed. Phil., Saunders, 1949, 590 p.
- Modern practice in anaesthesia, edited by F. T. Evans. N. Y., Hoeber, 1949, 566 p.
- Monge, C. Acclimatization in the Andes. Balt., Johns Hopkins Press, 1948, 130 p.
- Mulligan, R. M. Neoplasms of the dog. Balt., Williams, 1949, 135 p.
- National Health Assembly, Washington, D. C., 1948. America's health—official report. N. Y., Harper, [1949], 395 p.
- New York (State). Hospital Study. A pattern for hospital care; final report, by E. Ginzberg. N. Y., Columbia Univ. Press, 1949, 368 p.
- New York Academy of Medicine. Centennial: Institute on Public Health. Ecology of health, edited by E. H. L. Corwin. N. Y., Commonwealth Fund, 1949, 196 p.
- Nouvelle pratique chirurgicale illustrée*, directeur: J. Quénu. Paris, Doin, 1948, v.1-2.
- Nuernberg Military Tribunals. Trials of war criminals. Vols.1-2. [The medical case.] Wash., U. S. Govt. Print. Off., [1949], v. 1.
- Ohser, P. H. Sons of science; the story of the Smithsonian Institution and its leaders, N. Y., Schuman, [1949], 220 p.
- Orrego Puelma, H., and others. Nuevos estudios sobre tuberculosis y afecciones broncopulmonares. Santiago de Chile, Central de Publicaciones, 1948, 342 p.
- Palmer, E. D. Stomach disease as diagnosed by gastroscopy. Phil., Lea, 1949, 200 p.
- Parks, L. M.; Jannke, P. J. & Harris, L. E. Inorganic chemistry in pharmacy. Phil., Lippincott, [1949], 298 p.
- Pettit, W. Manual of pharmaceutical law N. Y., Macmillan, 1949, 170 p.
- Pharmaceutical compounding and dispensing, editor-in-chief: R. A. Lyman. Phil., Lippincott, 1949, 321 p.
- Pharmaceutical Society of Great Britain. British pharmaceutical codex, 1949. London, Pharmaceutical Press, 1949, 1562 p.
- Physiology of heat regulation and the science of clothing, edited by L. H. Newburgh. Phil., Saunders, 1949, 457 p.
- Pick, J. F. Surgery of repair. Phil., Lippincott, [1949], 2 v.
- Popov, L. K. Kojin i venerichin bolesti. [Skin and venereal diseases.] 2.izd. Sofiya, [Pechatnitsa Stopansko Razvitiye], 1946-1947, 2 v.
- Pratt, G. H. Surgical management of vascular diseases. Phil., Lea, 1949, 496 p.
- Pratt, R. & Dufrenoy, J. Antibiotics. Phil., Lippincott, [1949], 255 p.

- Prescott, S. C. & Dunn, C. G. Industrial microbiology 2.ed. N. Y., McGraw-Hill, 1949, 923 p.
- Principles of animal ecology, by W. C. Allee, A. E. Emerson, O. Park [and others]. Phil., Saunders, 1949, 887 p.
- Rosebury, T. Peace or pestilence; biological warfare and how to avoid it. N. Y., Whittlesey, [1949], 218 p.
- Ross, I. Child of destiny; the life story of the first woman doctor [Elizabeth Blackwell]. N. Y., Harper, [1949], 309 p.
- Schieck, F. Grundriss der Augenheilkunde. 11.Aufl. Berlin, Springer, 1949, 248 p.
- Schweitzer, A. Memoirs of childhood and youth. N. Y., Macmillan, 1949, 78 p.
- Singer, J. J. Differential diagnosis of chest diseases. Phil., Lea, 1949, 344 p.
- Skinner, H. A. The origin of medical terms. Balt., Williams, 1949, 379 p.
- Snapper, I. Medical clinics on bone diseases. 2.ed. N. Y., Interscience Publishers, 1949, 308 p.
- Sunderman, F. W. & Boerner, W. Normal values in clinical medicine. Phil., Saunders, 1949, 845 p.
- Textbook (A) of physiology, originally by W. H. Howell, edited by J. F. Fulton. 16.ed. Phil., Saunders, 1949, 1258 p.
- Textbook (A) of surgery by American authors, edited by F. Christopher. 5.ed. Phil., Saunders, 1949, 1550 p.
- Thorek, M. Modern surgical technic. 2.ed. Phil., Lippincott, [1949], 4 v. and index.
- Tratamiento de las meningitis agudas supuradas en el niño [por] J. Bonaba, A. Carrau, E. Peluffo [et al.] Montevideo, García Morales, 1948, 107 p.
- Valasek, J. Introduction to theoretical and experimental optics.. N. Y., Wiley, [1949], 454 p.
- Wallin, J. E. W. Personality maladjustments and mental hygiene. 2.ed. N. Y., McGraw-Hill, 1949, 581 p.
- Warshaw, L. J. Malaria; the biography of a killer. N. Y., Rinehart, [1949], 348 p.
- Watson, L. A. & Tolan, T. L. Hearing tests and hearing instruments. Balt., Williams, 1949, 597 p.
- Wever, E. G. Theory of hearing. N. Y., Wiley, [1949], 484 p.
- Wiggers, C. J. Physiology in health and disease. 5.ed. Phil., Lea, 1949, 1242 p.
- Youmans, W. B. Nervous and neurohumoral regulation of intestinal motility. N. Y., Interscience Publishers, 1949, 129 p.

## ADDITIONAL LIST

- United States. Adjutant General's Department. Studies in visual acuity. Wash., U. S. Govt. Print. Off., 1948, 161 p.
- United States. Atomic Energy Commission. Atomic energy and the life sciences. Wash., U. S. Govt. Print. Off., 1949, 203 p.
- United States. Bureau of Medicine and Surgery. Handbook of the Hospital Corps, United States Navy, 1949. Wash., U. S. Govt. Print. Off., 1949, 502 p.
- United States. Congress. House. Committee on Interstate and Foreign Commerce. National Science Foundation. Hearings . . . on bills to promote the progress of science. . . Wash., U. S. Govt. Print. Off., 1949, 208 p.
- Vanier, J. Études médico-chirurgicales de gastro-entérologie pratique. Paris, Maloine, [1947], 180 p.
- Vannier, L. & Poirier, J. Précis de matière médicale homœopathique. 4.éd. Paris, Doin, 1948, 646 p.
- Winkle, S. Mikrobiologische und serologische Diagnostik. Jena, Fischer, 1947, 181 tables.
- Woglom, W. H. Discoverers for medicine. New Haven, Yale Univ. Press, 1949, 229 p.
- World Health Organization. Constitution. [Wash., U. S. Govt. Print. Off., 1949], 134 p.
- Zacks, D. Photoradiography in search of tuberculosis. Balt., Williams, 1949, 297 p.
- Zadek, I. Jugend und Tuberkulose. Berlin, Berliner Medizinische Verlagsanstalt, [1948], 142 p.
- Zeisz, R. C. & Nuckolls, J. Dental anatomy. St. Louis, Mosby, 1949, 486 p.
- Zipf, G. K. Human behavior and the principle of least effort. Cambridge, Mass., Addison-Wesley, 1949, 573 p.